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PATENT  
Attorney Docket No. A-68271-2/RMS/RMK/SPL  
Attorney File No.: 463037-00204

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

UMEK *et al.*

Serial No. 09/626,096

Filed: July 26, 2000

For: *Sequence Determination of  
Nucleic Acids Using Electronic  
Detection*

Art Unit: 1637

Examiner: Heather Calamita, Ph.D.

CERTIFICATE OF MAILING

I hereby certify that this correspondence, including listed enclosures, are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

Date: October 14, 2004

Signature

*Jessica Newlin*  
Jessica Newlin

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This paper is being submitted in response to the Office communication mailed June 14, 2004. The response is timely filed with a Petition for Extension of Time (1 month) and the appropriate fee on or before October 14, 2004. Although the Applicants do not believe any additional fees are required, the Commissioner is authorized to charge any additional fees, including extension fees or other relief, which may be required, or credit any overpayment to Deposit Account No. 50-2319 (Our Order No. 463037-00239 (A-68271-2/RMS/RMK/SPL)).

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** begin on page 3 of this paper.

**Remarks** begin on page 5 of this paper.